



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Antimicrobials Division (7510P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

93908-3

Date of Issuance:

10/13/21

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Envirolyte Plus

Name and Address of Registrant (include ZIP Code):

Aqua Engineered Solutions, Inc.  
 11205 W. County Road 72  
 Midland, TX 79707

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

Signature of Approving Official:

Demson Fuller, Product Manager 32  
 Regulatory Management Branch,  
 Antimicrobials Division (7510P)

Date:

10/13/21

3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 93908-3.”
4. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process, FIFRA section 12(a)(1)(B). Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Assurance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 09/14/2021

If you have any questions, please contact Wanda Henson by phone at (703) 308-6345, or via email at [henson.wanda@epa.gov](mailto:henson.wanda@epa.gov)

Sincerely,



Demson Fuller, Product Manager 32  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure

# Envirolyte Plus

## Aqueous Solution of Sodium Chloride

Anolyte solutions:

- are disinfecting solutions,
- are cost effective solutions to produce,
- are generated electrolytically from sodium chloride
- are produced in a single stage process by a simple electrolytic cell,
- can be produced with a controlled pH and concentration of Free Available Chlorine (FAC), and produced with low energy costs from water and salt.

**ACTIVE INGREDIENT:**

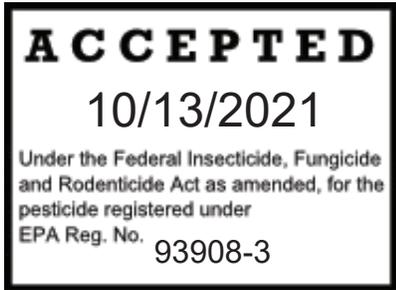
Hypochlorous Acid ..... 0.046%

**OTHER INGREDIENTS:** ..... 99.954%

**TOTAL: .....** 100.000%

Contains 500 ppm Free Available Chlorine (FAC)

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**



**If in eyes:**

- Hold eye open and rinse slowly and gently with water for 15-20. minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call a poison control center or doctor for treatment advice.

Envirolyte Plus must be used for disinfection applications within 30 days after being produced.

**Container Sizes:** (1 Gallon, 5 gallons, 55 gallon, 275 gallon tote, 330 gallon tote, 660 gallon tote)

**DATE PRODUCED:** \_\_\_\_\_

**MANUFACTURED FOR  
AQUA ENGINEERED SOLUTIONS  
11205 W. County Rd. 72  
Midland, TX 79707  
Phone: 1 (800) 590-6711**

**NET CONTENTS** \_\_\_\_\_

EPA REG. NO.

Est. No. 87636-TX-001

Anolyte is produced through the electrolysis of sodium chloride in water. Hypochlorous acid, a weak acid, oxidizing agent, and antimicrobial agent, is produced at the anode. The product at the cathode is sodium hydroxide (lye). In this particular process, Anolyte is produced at a pH of between 6.01 and 8.16.

The properties of Anolyte can be closely controlled by manipulation of multiple process factors, including the electrolytic cell potential, flow rate and salt concentration.

Anolyte will be produced and applied as a liquid with physical properties similar to water.

- Freezing point is 32°F
- Boiling point is 212°F
- Colorless
- Slight chlorine odor

Anolyte should be stored in a closed, plastic container in a cool, dark area away from direct sunlight. Anolyte is to be used within 30 days of production or the FAC (the free available chlorine) will decrease.

### **DIRCETION FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

### **OIL AND GAS APPLICATIONS**

**FRAC Water** - For typical water treatment, mix 5.0 gallons of Anolyte with 995 gallons of frac water to 2.5 ppm FACE to mitigate and retard the growth of non-public health organisms such as anaerobic bacteria, aerobic bacteria, and sulfate reducing bacteria to protect fracturing fluids, polymers and gels.

**Produced Waters** - For typical treatment of produced water tanks, add 21 gallons of Anolyte with 979 gallons of produced water to 10.5 ppm FAC while rolling volume of tank to retard the growth of non-public health organisms such as anaerobic bacteria, aerobic bacteria, and sulfate reducing bacteria.

**Water Flood Injection Wells** - For typical water treatment, mix 21 gallons of Anolyte with 979 gallons of injection water to 10.5 ppm FAC to mitigate and retard the growth of non-public health organisms such as anaerobic bacteria, aerobic bacteria, sulfate reducing bacteria, and control pipeline slime.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

### **For Industrial and commercial use packages:**

**Pesticide Storage:** Store in a closed dark plastic container in cool, dry area away from heat and sunlight. Do not store with easily oxidizable materials, acids and reducers. In case of spill, isolate container (if possible) and flood area with large amounts of water to dissolve all material before discarding this container in trash.

**Emerging Handling:** In case of contamination or decomposition, do not reseal container. Isolate in open, well-ventilated area. Flood with large volume of water. Cool unopened containers in vicinity by water spray.

**Pesticide Disposal:** Pesticide wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the EPA Regional Office for guidance.

### **Small Packages (5 gallons or less):**

**Container Handling:** Nonrefillable rigid container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure for two more times. Then offer for recycling or reconditioning if available or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay clear of smoke.

### **For Rigid Nonrefillable Containers 5 gallons or more:**

**Container Handling:** Nonrefillable rigid container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure for two more times. Then offer for recycling or reconditioning if available or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay clear of smoke.

**Container Handling:** REFILLABLE CONTAINER. Refill this container with Anolyte only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling, or puncture and dispose of in a sanitary landfill, or by other producers approved by state and local authorities.